TO CORRESPONDENTS.

"*Portsmouth Block Machinery.*"—"N. R's." statement in support of his assertion next week.

"*Burning the Dead.*"—Several communications on this subject stand over.

"*Window Tax.*"—"J. R." will find a reply in Mr Hickson's remarks in our present number.

"W. C.," "C. G." (not yet read), "H. G.," "P. P.," "Cecilia," "C. B." (we decline giving addresses), "E. L.," "O. O. O." (the arrangement would of course include means for the periodical conveyance of the bodies), "M. N.," "F. G." (we are forced to decline, such inquiries are so numerous), "B. B." (shall appear), "J. G. H." (sketches duly received; shall be attended to in a day or two), "T. B." (we are unable to assist), "Subscriber from Commencement" (No. 81, Great Marlborough-street), "Zero," (the rails of the Great Western were originally laid, as now, on the broad guage), "W. J. W." (declined with thanks), "F. W. S.," "H." (bide a bit), "G. F. H." (all depends on the communication which took place; we cannot offer an opinion), "R. B.," "Metator," "W. C." (shall hear from us), "C. B. S.," "M. P.," "A Lady," "J. L. T." (such roofing is not trustworthy), "C. F. jun.," "E. A. A.," "G. M.," "A Catholic Subscriber," "R. M.," "P. G." (the openings should be deducted), "J. L.," Dublin.—"Description of a Roman Building, &c., at Caerleon," by J. E. Lee (J. R. Smith, Compton-street); "View of Banqueting House, Whitehall," by O. H. Hansard, Architect (Weale); "Report on Permanent Way," by P. W. Barlow, C. E.; "Pasquin," Nos. 1 and 2; "London (Watford) Spring Water Company," Report by Mr. Homersham, C. E. (Weale); "The Building Societies' Directory" (E. Wilson, Royal Exchange, London).

ADVERTISEMENTS.

TO DRAUGHTSMEN AND CIVIL ENGINEERS.

H. MORRELL, BLACK LEAD PENCIL MANUFACTURER, No. 149, Fleet street, London.

These Pencils are prepared in various degrees of hardness and shades.

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F F light and shading.
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B black for shading.
B B ditto ditto.
B B B ditto ditto.
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Sold by all the principal Stationers in town or country.

CHEAP STATIONERY DEPOT for Architects, Builders, and the Profession generally.—Note-paper, five quires for 6d.; Letter-paper, five quires for 1s.; Envelopes 40d. per 100; best Sealing-wax, fifteen sticks for 1s.; Double Elephant, 8d. per sheet; Cartridge, 1s. 6d. per quire; best Freelegap ruled to any pattern, 1s.—Inferior, 6d. and upwards; Steel Pens, 1s. per gross; and every description of Stationery at equally low prices.—Orders (per post) promptly attended to, and the goods delivered free to any part of London.—Address to JOHN SEWELL, Wholesale and Retail Stationer, No. 11, Stockbridge-terrace, Pimlico.

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STUFF for HANGINGS, in simple worsted damask, lino in tapestry of Vandyck.

CARPETS, plain or in rich velvet pile, with appropriate borders.

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OAK CABINETS, Buffets, Octagon, Library, and occasional Tables, Benches, Chairs, and other useful and appropriate furniture.

The whole of the above-mentioned furniture, &c., are designed after ancient authorities, and executed under the immediate superintendence of Mr. A. W. PUGIN, architect. In order to render this furniture generally available, a considerable portion has been arranged in the simplest manner consistent with its ancient character.—No. 14, Wigmore-street, January, 1860.

IRON SASH ROOFS for CONSERVATORIES, &c. Verandahs, cast or wrought Staircases, light or heavy Railing, Gates, strained Wire-fences, Hurdles, Iron Posts (steel), also every description of cast or wrought-iron work for building purposes, corrugated and galvanized Iron Roofing, &c., on the most equitable terms, by J. BULLOCH and Co., Hope Iron Works, Primrose-street, Bishopsgate.—Buildings heated by hot water.

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CLARK and Co., Sole Manufacturers, and of IMPROVED DRAWN ORNAMENTAL METALLIC SASH BARS, ASTRAGALS, MOULDINGS, STALL-BOARD PLATES, &c. &c., in brass, copper, and iron. Gas Fittings, Chandeliers, and Internal Brass Fittings for Shops of every description. WROUGHT-IRON GIRDERS, HOT-WATER APPARATUS, and metal work connected with buildings. Testimonials of architects and others having them in use will be forwarded free on application to CLARK and Co., Engineers, 128, Wapping, London, or to Mr G. BRIGSTOCK, 17, George-street, Edinburgh, Agent for Scotland.

139, STRAND.

To Engineers, Architects, Builders, &c., and to the Shipping and Mining interests.

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N.B. The fencing of R. S. N. and Co. is sufficiently palpable to sight to prevent all risk of accidents to cattle from invisibility.

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TO CONSUMERS of PLASTER of PARIS.—The Advertiser is in a position to supply the above article in quantity at extreme low rates.—Particulars may be had on application.—Address, W. B. WILKINSON, Fredboro-street, Newington-Butts.

ATKINSON'S CEMENT.—This Cement has hitherto been manufactured in Yorkshire, and, through long detention at sea, has often proved stale and unfit for use on its arrival in London. By the arrangement now made, the Cement will be manufactured in London, and thus presented to consumers in a fresh and genuine state, by the sole Agents, J. B. WHITE and SONS, Millbank-street, Westminster.

KEENE'S and PARIAN CEMENTS, for internal stucco, are employed very advantageously in place of wood for skirtings, architraves, and panel mouldings, and for indoor decoration, instead of stone. The peculiar properties of PARIAN Cement allow of its being painted or papered upon within a few hours of its application, and thus render it an important substitute for common plastering in those cases where expedition and beauty of finish are essential.—J. B. WHITE and SONS, Millbank-street, Westminster, Patentees of KEENE'S Cement, Licensees of PARIAN Cement.

PORTLAND CEMENT, as manufactured by J. B. WHITE and SONS, possesses all the properties of the best Roman Cement, but has the advantage over that material of wholly resisting frost. When used as a stucco it does not vegetate or turn green in damp situations, and requires no colouring. Employed as an hydraulic mortar for brickwork, it carries four to five measures of sand to one of cement, and is proved by trial to become harder and stronger in these proportions than Roman Cement with but one measure of sand. This superior cementing power, combined with its eminently hydraulic properties, point it out as the fittest material for building sea and embankment walls, the lining of reservoirs, cisterns, and baths, and for all those purposes where strength and a perfect resistance to water are required.

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PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, Son of the Patentee.—Messrs. ROBINS, ASPDIN, and Co. request reference to No. 298, page 49; and also Nos. 304 and 333, pages 343 and 351 of "The Builder," for accounts of EXPERIMENTS on the strength of Portland Cements, whereby the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years in the Thames Tunnel to resist the action of water; it is stronger in its cementitious qualities, harder, and more durable than any other description of Cement; it does not vegetate, crystalize, or turn green; nor is it affected by any atmospheric influence whatever the climate, resisting alike the fervour of frost and heat. It is manufactured to set in from five to sixty minutes. For all purposes that Cement is applicable the Proprietors challenge competition.—Orders received by Messrs. ROBINS, ASPDIN, and Company, at their Manufactory, Northfleet, Kent, and their Wharf, Great Scotland-yard, Whitehall; also by their Agent at the Depôt, 1, Beck Gorge, Liverpool.

THE PARIAN CEMENT, for INTERNAL STUCCO, which was supplied at Messrs J. & R. MORLEY'S warehouse and dwelling in Wood-street, Cheapside, in the City, has been used throughout the premises, in every story; altogether about ten thousand yards superficial, chiefly upon recently built walls, and a small portion upon timber partitions, and that with the most perfect and satisfactory result. I feel it also necessary to observe, that the plasterers' work was almost invariably followed up on the next day by the painters, thereby enabling me to have the buildings complete in the shortest possible time, both for business and for the occupation of the establishment. I am, therefore, of opinion, that the use of this new material is a most valuable feature in building operations, and fully justifies that which I was given to understand, viz., that it was an extraordinary material. I think it right to mention, that I am at the present time having a great extent of similar work executed at another range of buildings, where time and the quality of the work are of the utmost importance.

(Signed) JNO. WALLEN, Architect, London.

To Messrs Chas Francis and Sons, Manufacturers, Nine Elms.

MARTIN'S PATENT FIRE-PROOF & ORNAMENTAL CEMENT, APPLICABLE FOR ALL INTERNAL PURPOSES WHERE PLASTERING IS REQUIRED.

This invaluable Cement has now been before the public so many years, and obtained so high a standing in the estimation of all who have used it, that it is unnecessary to comment on its merits. Messrs STEVENS and SON, however, feel called upon to observe, that from the greater extent of surface which a given quantity of MARTIN'S will cover, as compared with other Cements for internal use, there will be found a gain of 181 per cent. in material, full 7 per cent. less in price, with an additional saving in labour of 10 per cent., by its allowing about forty minutes for working, being less than one-tenth of the time of other cements of a similar nature, therefore worked with greater facility, making together the enormous saving of full THIRTY THREE PER CENT.; its advantages therefore cannot admit of doubt.

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City—Purfleet Wharf, Earl-street, Blackfriars.
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Paddington—No. 18, North Wharf (adjoining Great Western Terminus).
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Orders will also be received and information furnished by the Secretary, Mr. JOHN A. WEST, 1, New Broad-street, London.

REDUCED PRICES.—EDWARD SIMBS (late William Cleave), of Wilton-road, Pimlico, begs to acquaint Builders and the Trade that he has now on hand at his Manufactory (the first of the kind ever established) the large Assortment of Dry and Well-seasoned OAK and DEAL FLAREED FLOORING BOARDS and MATCH BOARDING of all sorts, from 4 inch to 14 inch thick, planed to a parallel width and thickness, and at greatly Reduced Prices. Also Timber, Deals, Oak Planks, Scantlings, Sash Bills, Mouldings prepared by Machinery, Lathes, &c.—Apply at E. SIMBS (late W. Cleave's) Flooring Manufactory, Wilton-road, Pimlico Basin.

THOMAS ADAMS, Mahogany and Timber Merchant, Bermondsey New-road, Southwark, near the Bricklayers' Arms, is SELLING SEASONED FLOORING at LESS PRICES THAN ANY ADVERTISED; also unseasoned boards and mouldings, prepared from the very best material, and in a superior manner. Cut deals and scantlin of every dimension, mahogany, cedar, rosewood, veneered, elm, beech, oak, &c.; panelling, oak, and for baths; wheelwrights' goods. All sawn and prepared goods (except timber) delivered free of expense. Having changed all mill prices. Very extensive drying sheds.

N.B. English timber taken in exchange for foreign.

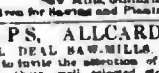
PRESENT PRICES of SEASONED FLOORING, prepared by improved Machinery. Net cash.

1 in. yellow, per sq.	9s. 6d.	1 in. spruce, per sq.	14s. 6d.
1 — —	11s. 6d.	1 — —	11s. 6d.
1 — —	14s. 9d.	1 — —	14s. 6d.

Widths measured after being sprung. Quantities not less than thirty squares delivered within 5 miles free.

SAMUEL ARCHBUTT and CO., Timber Merchants, Sawing and Planing Mills, Kingsland, Chelsea.

MUIR'S PATENT



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TIMBER of any size, PLANK, DEALS, and BATTENS, &c., sawn on the most approved principle Boards, &c., Prepared, Matched, and Grooved, by Muir's Patent Machinery. The Mills have all the advantages of navigation and water-carriage, being connected with the Thames by the Grosvenor Canal. Goods fetched from the docks and carted home free of charge.

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OAK TIMBER.—About Forty Loads of winter felled English Oak Timber, of large dimensions, FOR SALE at Sunbridge Park, on remunerative terms.—Apply to Mr. A. BLACK, Sunbridge Farm, Bromley, Kent.

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T., W., and J. particularly solicit the attention of architects and builders to the fact that, by the use of this machinery, a very large saving, both of time and money, is effected,—so great, indeed, that in many cases they can deliver a well-finished article in Caen stone for less money than it can be obtained in cement, while their wood-carving will, in some cases, be found to come into close competition with the best kinds of composition ornament.—For prices and estimates apply at 154, Strand.

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"Westminster, May 16th, 1860.

"Gentlemen,—In reply to your letter requesting my opinion of your material Carving Machinery, I have much pleasure in stating, from an experience of more than two years, in its application to the production of the wood carvings of the House of Lords, and other portions of the New Palace, at Westminster, that I am enabled to make the most favourable report concerning it, and to add that it has more than justified the favourable terms in which I recommended it to her Her Majesty's Commissioners of Woods and Works for adoption.—I remain, Gentlemen, yours faithfully,

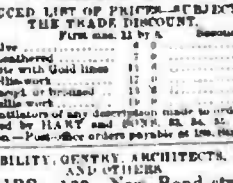
"CHARLES BARRY."

Messrs. Taylor, Williams, and Jordan."

DAY'S PATENT WIND-GUARD.—Thousands of smoky chimneys have been cured by simply applying at the top of the chimney this unequalled, useful, and well tested invention.—To be had as usual, of the manufacturer and sole proprietor, CHARLES W. WHITE, at the manufactory for the same, Patent Ventilating Works, Commercial-road, Pimlico; and of Messrs. GURNEY'S, Queen-street, Cheapside.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal movement, and all the latest improvements.



Constructed for the ventilation of apartments generally.

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Ventilators of any description made to order.

Manufactured by HART and SONS, 81, 84, 85, Wych-street, Strand, London.—Post-office orders payable at 150, Strand.

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FAIRS and CO.'S PATENT VENTILATORS are strongly recommended by the Faculty; they will be found a very great preservative to health in being applied to bedrooms, in all close and confined rooms, supplying plenty of pure air, without the annoyance of dust or cold. They will be found most serviceable where gas is introduced into the house, and a very great preventative to cholera and all epidemic diseases.—Orders sent to the above address, or to the Manufactory, 13, Cullingham-street, Pimlico, will be punctually attended to.

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